

ALLEN #1
 DRILLERS LOG
 API# 15-133-25602000
 G/L +930' MSL

10/30/98
 2 1/2" 6 5/8" O.D. 13 1/2" I.D.
 NEW SURFACE CASING
 SET @ 20' IN 8 7/8" HOLE
 W/ 5 SACKS PORTLAND CEMENT

(+900)

HEPLER SAND
 SECTION

6" DIA
 WELL BORE

LENA PARK LIME
 (+844)

(+833)

WAYSIDE SAND
 SECTION

(+810)

ALTAHUNT LIME

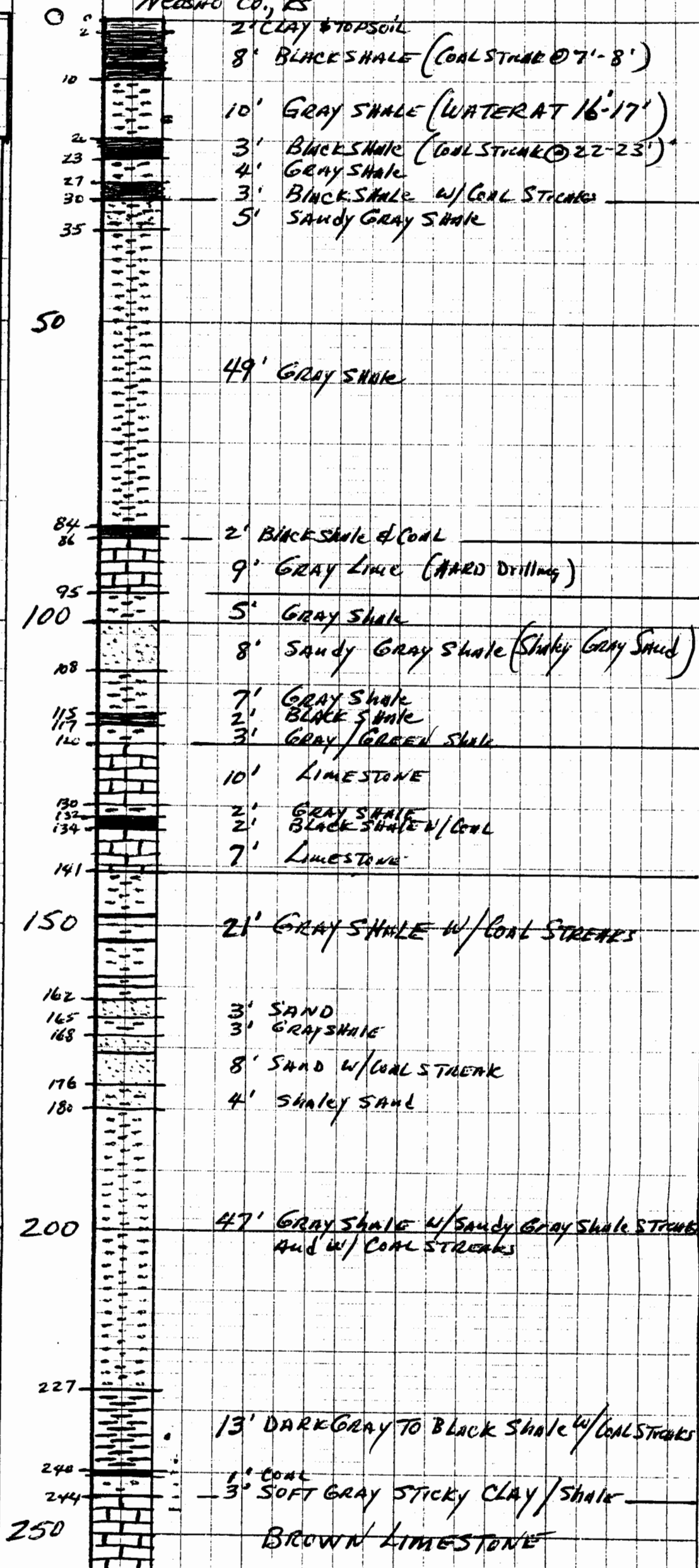
(+789)

WEISER SAND
 SECTION

(+686)

PAWNEE LIME

JAMES P. ALLEN RESIDENTIAL GAS WELL
 (2415 FNL-330 FWD) SWSW 1/4 5-30S-20E
 NEOSHO CO., KS



ORIGINAL

WEISER SAND SECTION

(+686)

PAYNEE LIME

(+656)

PERU SAND SECTION

(+606)

OSWEGO LIME

LITTLE PAGE SHALE

BLACK JACK COAL LIME

MULKY COAL & SHALE

SQUIRRELL SAND SECTION

PTD 400' (+530')
11/23/99

200

227

240

244

250

265

267

274

277

288

300

306

317

318

320

324

345

350

353

355

363

367

372

377

380

383

392

395

400

GRAY SHALE W/ SANDY GRAY SHALE STRIATIONS
AND W/ COAL STREAKS

13' DARK GRAY TO BLACK SHALE W/ COAL STRIATIONS

5' COAL SOFT GRAY STICKY CLAY / SHALE

21' BROWN LIMESTONE

2' BLACK SHALE

- NO SHO

7' BROWN / GRAY LIMESTONE

3' BLACK SHALE W/ COAL

- NO SHO

11' DARK GRAY SHALE

18' LIGHT GRAY SHALE W/ COAL STRIATIONS +
W/ SAND STRIATIONS + W/ LIMESTONE STRIATIONS

11' DARK GRAY SHALE W/ COAL, SAND,
LIMESTONE STRIATIONS

4' PYRITE & DARK GRAY SHALE

4' PYRITE, COAL & BLACK SHALE - NO SHO

21' GRAY LIMESTONE

5' BLACK SHALE

3' COAL & BLACK SHALE - NO SHO

2' GRAY SHALE W/ COAL

8' GRAY LIMESTONE

4' COAL & BLACK SHALE - NO SHO

5' SOFT GRAY SHALE

5' SHALEY GRAY / GRAN LIMESTONE (HARD)

3' GRAY SHALE

3' BLACK SHALE W/ COAL STRIATIONS - NO SHO

9' DARK GRAY / BLACK SHALE

3' SAND - NO SHO

5' GRAY SHALE

NO SHOW OF ANY OIL OR GAS
DRY HOLE